Memo

5.6” TFT LCD COLOR MONITOR

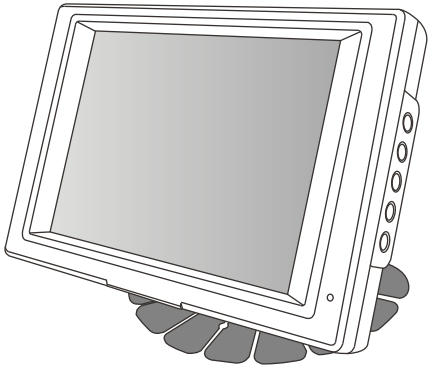
CAMOS

CM-562

5.6” TFT LCD COLOR MONITOR

INSTRUCTION MANUAL

Thank you for choosing this product.
Please read this instruction manual carefully before operating this product.



RECORD YOUR MODEL NUMBER (Now, while you can see it)
The model and serial number of your MONITOR are located on the back of the cabinet. For your future convenience, we suggest that you record these numbers here :

MODEL number : .....

SERIAL number : .....

Ver.1.1 PRINTED IN KOREA

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5.6” TFT LCD COLOR MONITOR

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1. Safety Rules

Please read the “Safety Rules” carefully before using this product. Following of the safety rules prevents users from any damage related with the misuse of this product. It is very important that users follow these safety rules. We state “Caution” and “Warning” to clarify any potential for damage associated with misuse of the product.

Warning — May cause bodily harm or even death if users ignore warnings in the safety rules.

Caution — May cause bodily harm or even death if users ignore cautions in the safety rules.

About signs

- “Precautions”
- “Do not”
- “Follow directions carefully”

⚠ Warning

- Place the product where it doesn’t prevent the driver from driving.
  --- The driver’s view of sight should not be blocked.
- Do not watch or operate the product while driving.
  --- This may cause a major accident.
- Do not place the product near the passenger-side airbag.
  --- Airbags may not operate properly or may cause personal damage and accident when accidentally opening.
- Do not get product wet and operate with wet hands.
  --- This may cause electric shock.
- Do not use unapproved power voltage.
  --- This may cause fire or electric shock.
- Do not use in bathtub. Do not pull the plug with wet hands.
  --- This may cause electric shock.
- Do not use unapproved Cigarette Lighter Adapter.
  --- This may cause fire ,electric shock and/or malfunction.
- Do not damage or bend electric cord. Do not place heavy objects on electric cord.
  --- This may cause fire from electric sparks.
- Do not use damaged electric cord.
  --- This may cause fire and/or electric shock.
- Do not put pins or needles into the product or electric cord of product.
  --- If this happens, stop the product operation immediately. Continuous use may cause fire, electric shock and/or malfunction.

Do not place any containers with water or any small metal objects on top of the product or nearby it.
--- Unplug the product when water or metal comes in contact with the product. Continuous use may cause fire, electric shock and/or malfunction.

Stop using the product immediately when you drop it or damage the outside shell.
--- Continuous use may cause fire, electric shock and/or malfunction.

Be careful when thunder and lighting occurs.
--- There is a danger of electric shock.

Do not use non-specified double socket and extended car battery cord.
--- This may cause excess heat and/or fire.

Do not attempt to open, disassemble or repair the product by any person except an authorized service dealer.
--- This may cause electric shock and/or malfunction. You should request an authorized service dealer for any inspection and repair of the product.

⚠ Caution

Do not put the product in a place where sudden temperature increase occurs such as the vehicle's dashboard.

Do not place the product where high temperature and/or the direct ray of the sun occurs.
--- This may cause fire, electric shock and/or malfunction.

Do not put the product in an unstable place where the product may be exposed to shock and/or impact.
--- The product may fall and be damaged.

Do not place electric cord near a heating product.
--- The cord surface may melt and cause fire and/or electric shock.

Do not press or drop LCD panel.
--- You should not give any shock on LCD panel because it may cause damage.

Always clean the cigarette lighter socket before using product.
--- Bad connection may cause fire.

Clean electric socket area often.
--- Dust in the area may cause fire.

Keep electric cord properly positioned.
--- An improperly positioned electric cord may cause fire or electric shock when metal material is in contact with the power source.

Unplug the product and remove cords when moving.
--- It may damage cords and cause fire and/or electric shock.

The car engine should be running when you use the product in a car.
--- Without the engine running, you may have excessive discharge of the car battery.

Do not pull the cord line when you unplug it.
--- Damaged cords may cause fire and/or electric shock.

Hold the plug when you unplug the product. Put a battery in the remote control properly with +, - signs as directed in this manual.
--- Improper use of batteries may cause fire and/or damage.

Unplug the product when you don't use it for a long period of time.
--- Insulation may cause electric shock, electric leak and/or fire.

Unplug the product when you clean or care for it.
--- Not unplugging product may cause electric shock.

Do not watch Monitor for a long period of time.
--- This may damage your eyesight.

When you transport the product, remove all cords and do not give any shock.
--- This may cause a malfunction.

Do not place volatile materials such as insecticides on the product.
The product should not come in contact with rubber or vinyl for a long period of time.
--- The surface of the product may change and paint may peel off.

If you find any strange occurrences or malfunction in the product or any foreign substance gets into the product, please contact the authorized retailer where you purchased the product.

- Do not use the product in the following locations.
  ---This may cause malfunction.
  - In direct rays of the sun and near heating products
  - High in humidity and with bad ventilation
  - Dusty or oily locations
  - Low temperatures
  - Unstable environment

2. Before Use

- To safely use the product, please read the user's manual carefully before use.
- Connect all lines as directed in the product connection map in the manual.
- Do not touch the LCD panel.
- Use the product at the temperature range of -10℃ ~60℃ .
- Screen may be a little dark when the product is operated in low temperature areas. Screen will show normal luminosity after a few minutes.
- Do not disassemble and modify the product in any way. This may cause fire and/or electric shock.
- When you install the product in a car, do not set a volume level too loud for others to hear outside.
- When you install the product in a car and watch monitor, the car engine should be running as there might occur excessive discharge of the car battery.
- Any liquid leaking into product may cause malfunction.

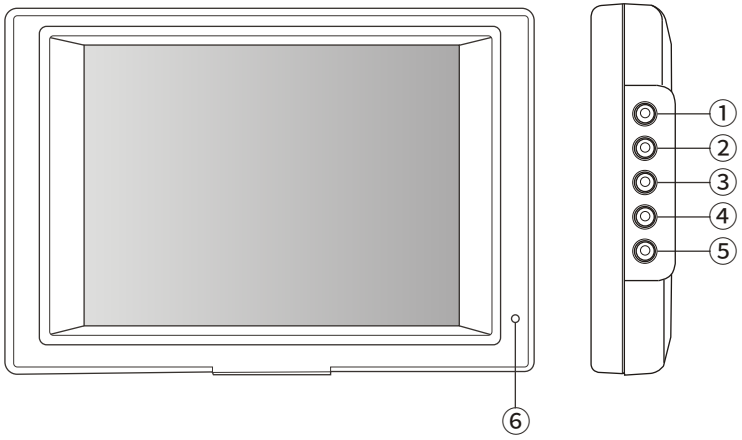
■ Precautions (when you use the product in a car)

- The driver should not use the product while he/she is driving.
- Quality of pictures on screen may vary depending on the radio field strength in different locations. You should use video equipment where you experience weak radio field strength.
- Follow traffic laws when you use the Navigation Route System.
- Be cautious of humidity and shock when you use the product in a car.
- The product should not be placed on the dashboard or near engine
- Cover the product when exposed to direct rays of the sun for a long period of time. (You should keep the product at a temperature range of -20℃ ~ 70℃.)

3. Special Features of the product

- Application of 8bit MICRO CONTROLLER
- Application of TFT LCD with high resolution and low reflection
- All functions are displayed on screen (OSD function)
- PWM volume control
- Mode selection function
- Low energy consuming rate
- Language Display Selection
  (ENGLISH-DEUTSCH-ITALIANO-FRANCAIS-ESPAnOL-한국어-日本語)
- 1 Cable solution
- Free voltage (From DC 12V to DC24V)
- Dimmer selection function

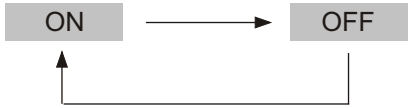
4. Terms of part



① POWER	ON/OFF button
② MODE	CAM1 / CAM2 / AV selection function
③ MENU	SETUP/ PICTURE selection function
④ UP ⑤ DOWN	SOUND/ MENU level control
⑥ S/BY LED	Displays STAND BY

5. Functions

1 POWER

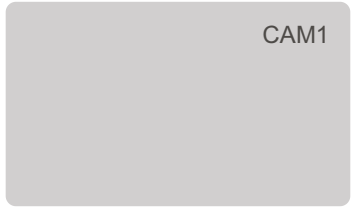


ON/OFF KEY

① Push POWER button to on the power.
(STAND BY state is OFF)
② Push POWER button again to off the power.

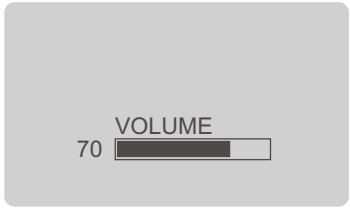
2 MODE

- It is a function to change video signal.
- The display is disappeared 5second later after setting.

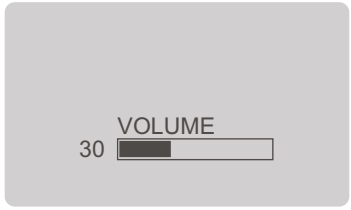


① Push MODE button.
② CAM1 / CAM2 / AV appears on the screen and it is disappeared after 5 seconds.

3 UP, DOWN



① Press UP
② The monitor shows volume on the screen and volume is up.



① Press DOWN
② The monitor shows volume on the screen and volume is down.

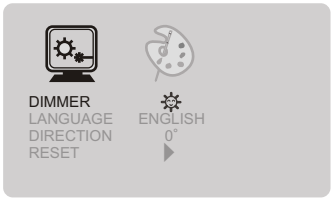
④ MENU

▮ This button is for SETUP, PICTURE USER

① Use MENU button to change MAIN MENU, changed color in red when it is selected.

STEUP —— PICTURE

② Use MODE button to select SUB MENU, use UP/ DOWN button to change SUB MENU.



1. SETUP

Please choose the setting of the menu with the Mode button and adjust the setting with the Up/Down button.

● DIMMER

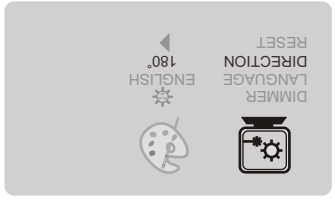
☼ – ☽

● LANGUAGE

ENGLISH – DEUTSCH – ITALIANO – FRANÇAIS – ESPAñON

– 한국어 – 日本語

● DIRECTION



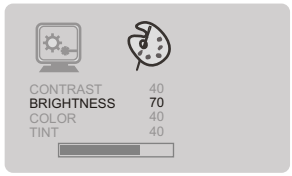
● RESET ▶

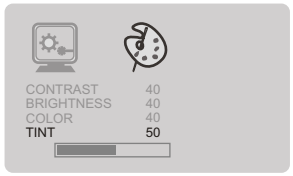
A factory default reset will clear all of OSD information

2. PICTURE

① Use MODE button to select CONTRAST, BRIGHTNESS, COLOR, TINT MENU. (Selected menu is in red)

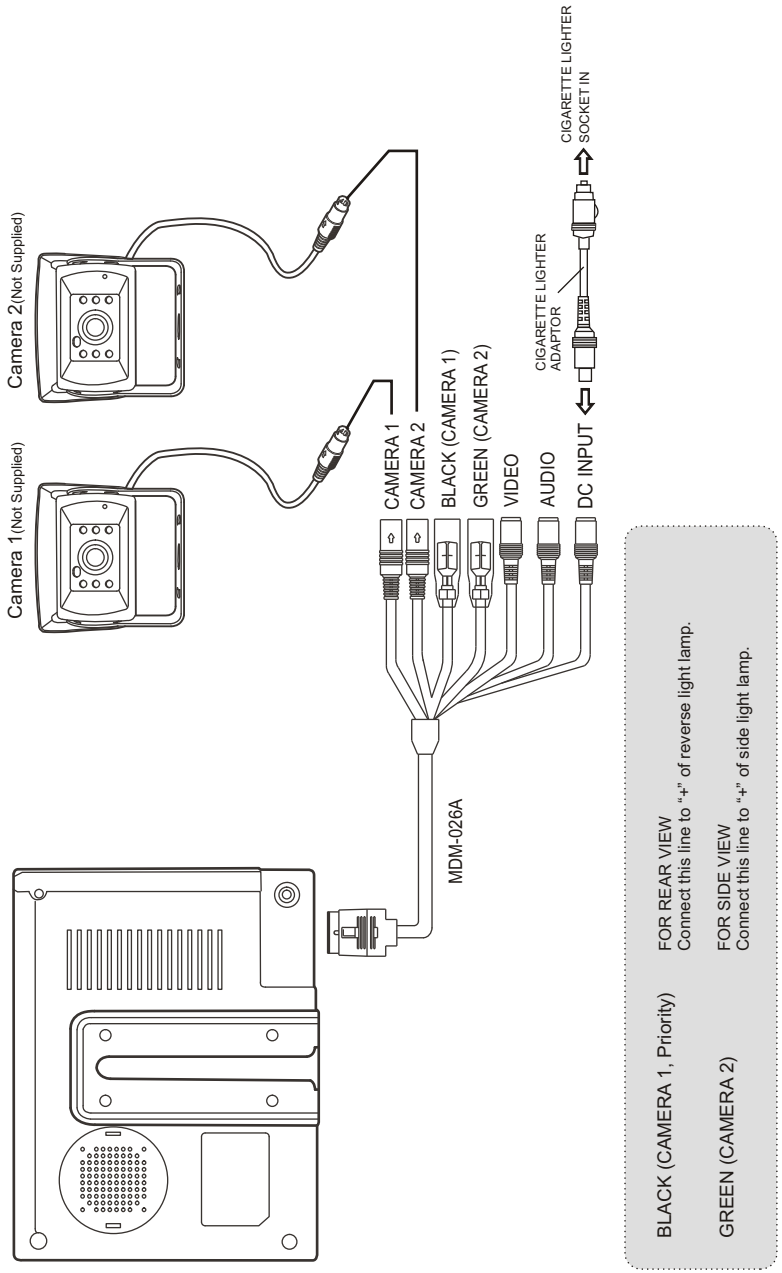
② Push UP/ DOWN button, and BAR and number are changed and screen is adjusted. (BAR sign is in red)





6. Connections

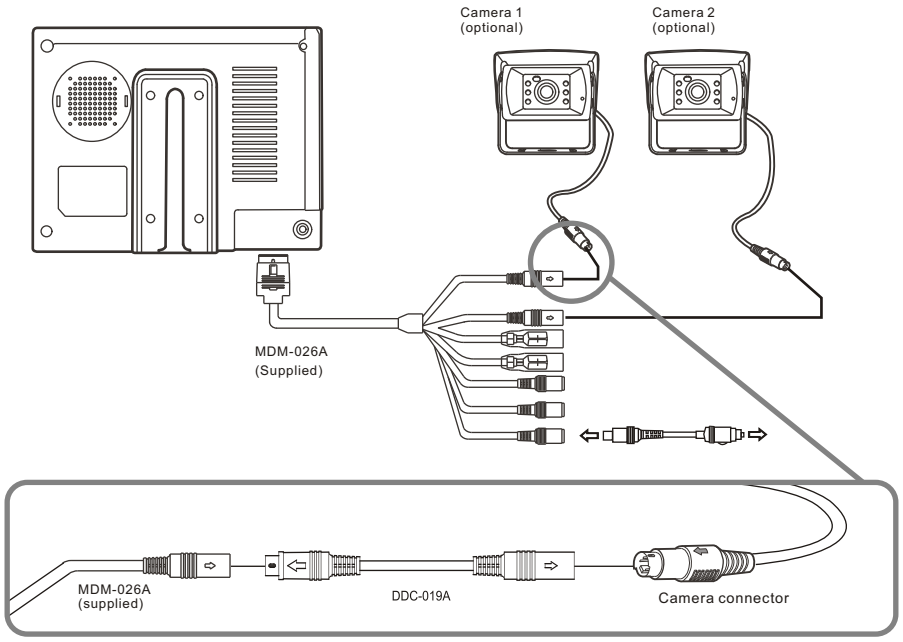
CAMERA 1, 2 / AV1



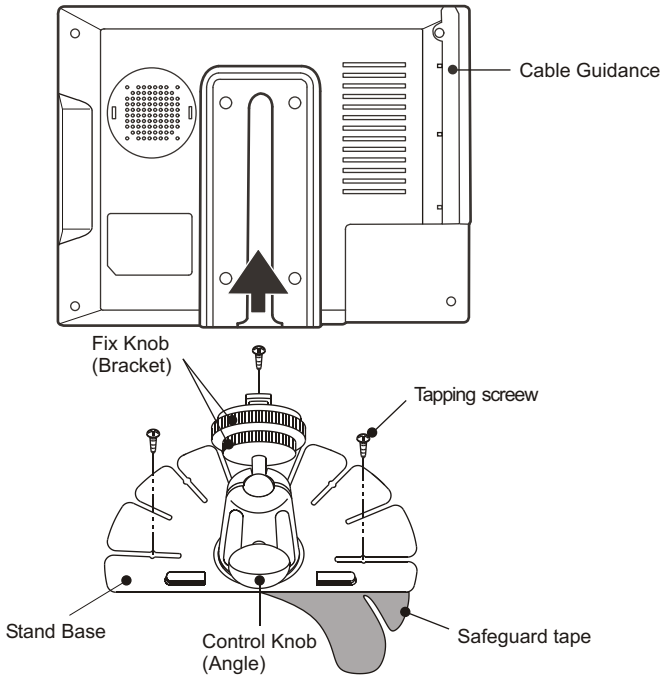
7. Adapter cable for camera normal view

The monitor also includes an extra adapter cable (DDC-019A) to change from mirror to normal view.

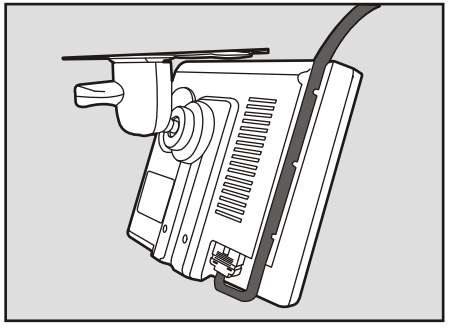
To use this function, please connect the cable as described in the drawing below between the multi function cable of the monitor and the camera.



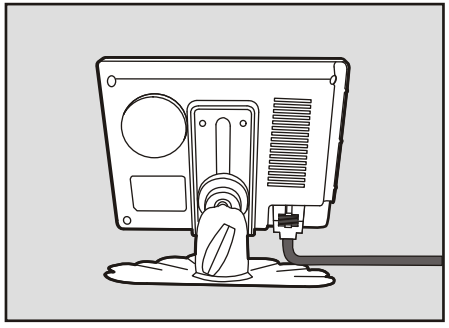
8. Installation



▌Monitor Cable Connection



※ Cable Guidance use



※ Normal Connection

9. Specifications

ITEM		SPECIFICATION	
		NTSC	PAL
PANEL	SCREEN SIZE	5.6 INCH(14.22cm)	
	NUMBER OF PIXELS	320(W) x 3(RGB) x 234(H)	
	DOT PITCH	0.118(W) x 0.362(H) mm	
	BRIGHTNESS	350 cd/㎡	
	DISPLAY AREA	113.28(W) x 84.7(H) mm	
	CONTRAST RATIO	300:1	
	VIEW ANGLE(H/U/D)	₀65deg / 45deg / 65deg	
POWER SUPPLY	VOLTAGE	DC 12V - 24V	
	CURRENT	450mA (DC 12V, MONITOR SET ONLY)	
REAR INPUT POWER		DC 12V - 24V	
INPUT SYSTEM		AUTO (NTSC/PAL)	
FREQUENCY	HORIZONTAL	15.734 KHz	15.625 KHz
	VERTICAL	60Hz	50Hz
INPUT SIGNAL	VIDEO	COMPOSITE VIDEO 1Vp-p (75ohm)	
	AUDIO	MONO INPUT 400 mVrms	
SOUND SIGNAL		0.5WATT MAX	
OSD DISPLAY		7 LANGUAGE	
USER CONTROLS		POWER, MODE, MENU, UP, DOWN	
OPERATING TEMPERATURE		-10 ℃~ + 60 ℃	
STORAGE TEMPERATURE		-20 ℃~ + 70 ℃	
DIMENSION (W x H x D)		163(W) x 112(H) x 30(D)	
WEIGHT		0.3Kg	
ACCESSORIES		MONITOR CABLE ASS'Y 1	
		CIGARETTE LIGHTER ADAPTOR(FUSE 2A) .. 1	
		STAND ASS'Y 1	

Caution: The design and specifications of this product in order to improve its quality may be changed without notice.